

## CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

### Audit Information:

Utility: American Canyon      PWS ID: 2810005  
System Type: Potable      Audit Period: Calendar 2016  
Utility Representation: Steve Hartwig (deputy director), Steve Moore (water operations manager), Larry Luporini (distribution system manager)  
Validation Date: 8/21/2017      Call Time: 2 PM      Sufficient Supporting Documents Provided: Yes

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: 53	Data Validity Band (Level): Band III (51-70)
ILI: 2.78	Real Loss: 46.97 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 4.9%	Apparent Loss: 7.52 (gal/conn/day)

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

### Validator Information:

Water Audit Validator: Kate Gasner / Brett Snider (support)      Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided



**CA-NV AWWA Water Loss Technical Assistance Program**  
**Wave 4 Water Audit Level 1 Validation Document**

Water System Name: City of American Canyon

Water System ID Number: 2810005

Water Audit Period: Calendar 2016

**Water Audit & Water Loss Improvement Steps:**

*Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:*

Replaced 1.5 miles of 14" steel water main, utilized new leak detection equipment to enhance leak detection program, repaired/replaced 77 service connections

**Certification Statement by Utility Executive:**

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

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Steven L. Hartwig

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Deputy Public Works Dir.



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9/26/17